



Schneider Electric EcoStruxure for Commercial Real Estate

Optimize your buildings for people, planet, and profitability



Agenda

1. The need for comfortable, healthy, energy-efficient buildings
2. Introducing Schneider Electric EcoStruxure for Commercial Real Estate
3. How our solution works
4. How a global manufacturer minimized energy waste
5. Solution reference architecture

Today's building owners and managers face multiple challenges

Attract and retain tenants

As they compete to lease their property, commercial real estate owners are looking for creative ways to offer a top tenant experience.

Reduce energy and carbon emissions

With today's climate crisis and the global buildings sector consuming one-third of the world's energy, smart buildings that minimize energy consumption have become imperative for developers.

Extend the lifespan of their building assets

Commercial building owners and managers are continually looking for ways to boost rent values and sales prices, while extending the longevity of their assets.

The need for comfortable, healthy, energy-efficient buildings

75%

The percentage of the workforce that millennials will comprise by 2025

30%

The percentage of total global energy use attributable to buildings

37%

The percentage increase in rents captured by owners of smart, connected, green buildings

Schneider Electric EcoStruxure for Commercial Real Estate: Optimizing buildings for people, planet, and profitability



Enhance occupant
comfort and
productivity

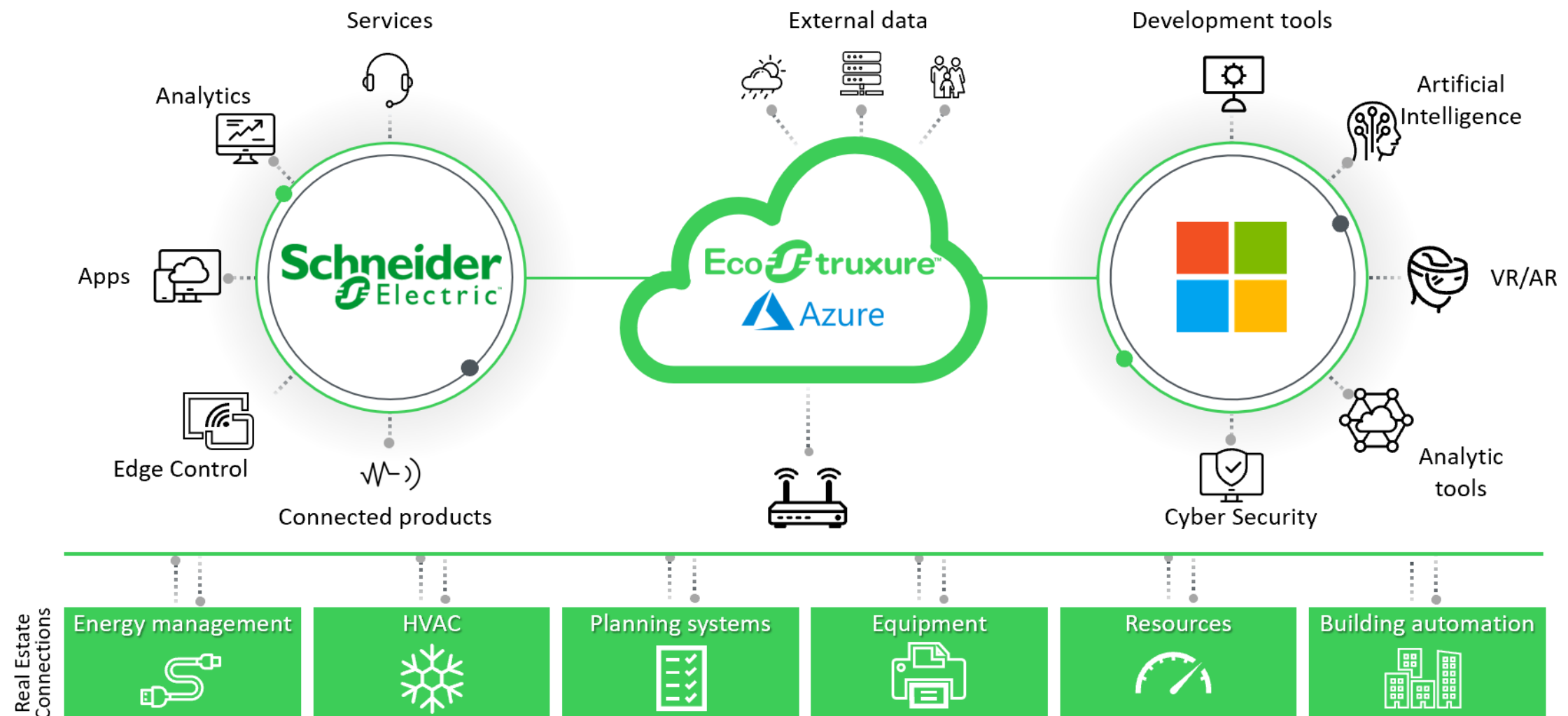


Lower energy
consumption



Increase building
value

Schneider Electric EcoStruxure for Commercial Real Estate gives users the real-time data they need to closely manage their buildings





Enhance occupant comfort, health & productivity

Foster a comfortable, healthy, and productive environment by ensuring environmental conditions remain within healthy parameters.



Monitors temperature, humidity, CO2, noise levels, ambient light, and VOCs to improve the well-being of building occupants

Provides a comfort score that enables users to fine tune temperature, humidity, CO2, noise levels, and other parameters in need of attention

Sends an alarm when an anomaly is discovered, enabling users to make quick adjustments before a complaint is received

Helps occupants quickly locate colleagues as well as available desks, offices, meeting rooms, and parking spaces via an up-to-date digital floor plan available on mobile devices



Lower energy consumption

Reduce carbon emissions with the ability to quickly visualize and adjust building energy use.



Maximizes energy efficiency by tracking building energy supply, consumption, and performance data

Allows users to collect, analyze, and report data regarding electricity, natural gas, and water usage consumption and costs at both the macro and micro levels—all in one place

Combines weather data with actual energy consumption to help users monitor and optimize energy use across their facilities

Enables users to visualize and analyze their carbon footprint across and within their facilities using intuitive, drag-and-drop technology



Increase building value

Strengthen rent and property values by creating a sustainable, modern building environment that attracts and retains tenants.



Minimizes building equipment breakdowns and occupant complaints by monitoring HVAC systems and mechanical equipment to make sure systems continually operate at peak efficiency

Lowers occupant turnover by providing a comfortable, clean, and safe environment that increases tenant satisfaction

Helps tenants save money through lower energy costs and by enabling them to schedule cleaning and security services based on actual space utilization trends

Powered by Azure

Schneider Electric EcoStruxure for Commercial Real Estate uses IoT and advanced cloud analytics to help you create the smart, energy-efficient buildings of the future



Remote
management



Scalability



Data and
Intelligence



Advanced
analytics



End-to-end
security

Global medical devices manufacturer minimizes energy waste and creates a more sustainable corporate campus



A worldwide developer, manufacturer, and marketer of medical devices, Boston Scientific wanted to minimize energy waste and maximize building performance as it opened a new corporate headquarters.

SOLUTION & RESULTS

Using Schneider Electric EcoStruxure, the company has:

- Saved 163,000 kilowatts of energy in the first year, the equivalent of taking 43.2 cars off the road
- Reduced avoidable costs related to faults by 40%
- Achieved \$30,000 to \$40,000 in annual energy efficiency savings



Boston Scientific wants to do what's right for the environment by minimizing our energy footprint as much as possible. When the utility invoices start to drop, I know we're doing the right thing.

— Greg Lamson,
Senior Facilities Engineer,
Boston Scientific





Next steps

- Find out more about Schneider Electric EcoStruxure for Commercial Real Estate: <https://www.se.com/ww/en/work/solutions/for-business/real-estate/>
- Learn more about Azure: azure.microsoft.com

